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(21) International Application Number: PCT/US98/26788 (22) International Filing Date: 16 December 1998 (16.12.98) (30) Priority Data: 60/069,931 17 December 1997 (17.12.97) US 60/110,498 1 December 1998 (01.12.98) US (71) Applicant (for all designated States except US): CREATIVE BIOMOLECULES, INC. [US/US]; 45 South Street, Hopkinton, MA 01748 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): SAMPATH, Kuber, T. [US/US]; 98 Pamela Drive, Holliston, MA 01746 (US). COHEN, Charles, M. [US/US]; 1 Harrington Lane, Weston, MA 02193 (US). OEDA, Eiichi [JP/JP]; 455-3-B202, Kogushi, Ube, Yamaguchi 755-0067 (JP). MIYAZONO, Kohei [JP/JP]; 5-5-34, Honcho, Shiki, Saitama 353-0004 (JP). KAWABATA, Masahiro [JP/JP]; 4-23-20, Sakuragaoka, Setagaya-ku, Tokyo 156-0054 (JP). (74) Agent: CAMACHO, Jennifer, A.; Testa, Hurwitz & Thibault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).		(81) Designated States: AU, CA, JP, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>Without international search report and to be republished upon receipt of that report.</i>
(54) Title: METHODS FOR MAINTAINING OR RESTORING TISSUE-APPROPRIATE PHENOTYPE OF SOFT TISSUE CELLS (57) Abstract <p>Methods for maintaining or restoring tissue-appropriate phenotype of diseased, damaged, or aged mammalian soft tissue cells and methods for treating disorder characterized by a decreased level of endogenous expression of a morphogen. The methods of the invention serve to manipulate any one or several aspects of morphogen-activated regulatory pathways of phenotype-specific protein expression.</p>		

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